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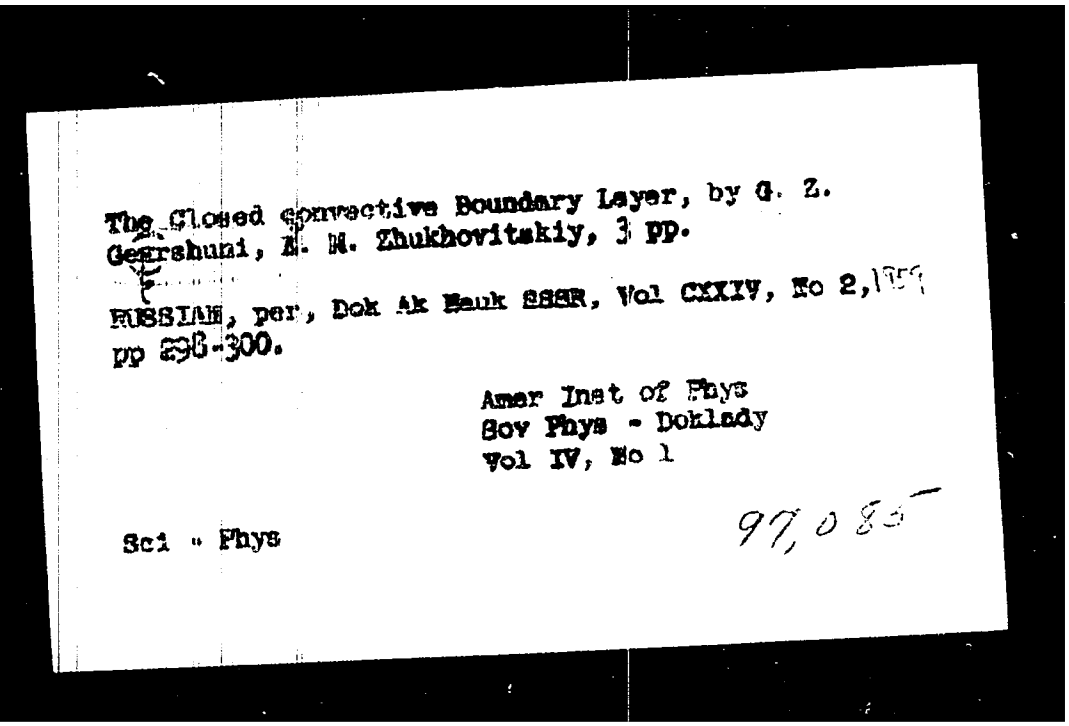

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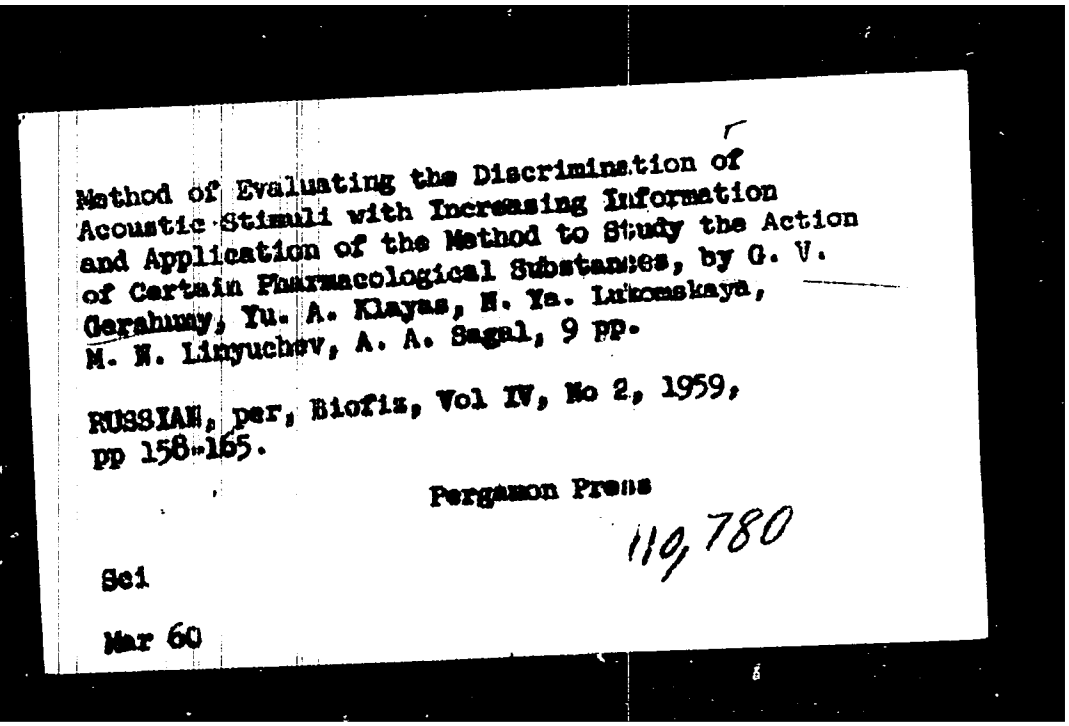

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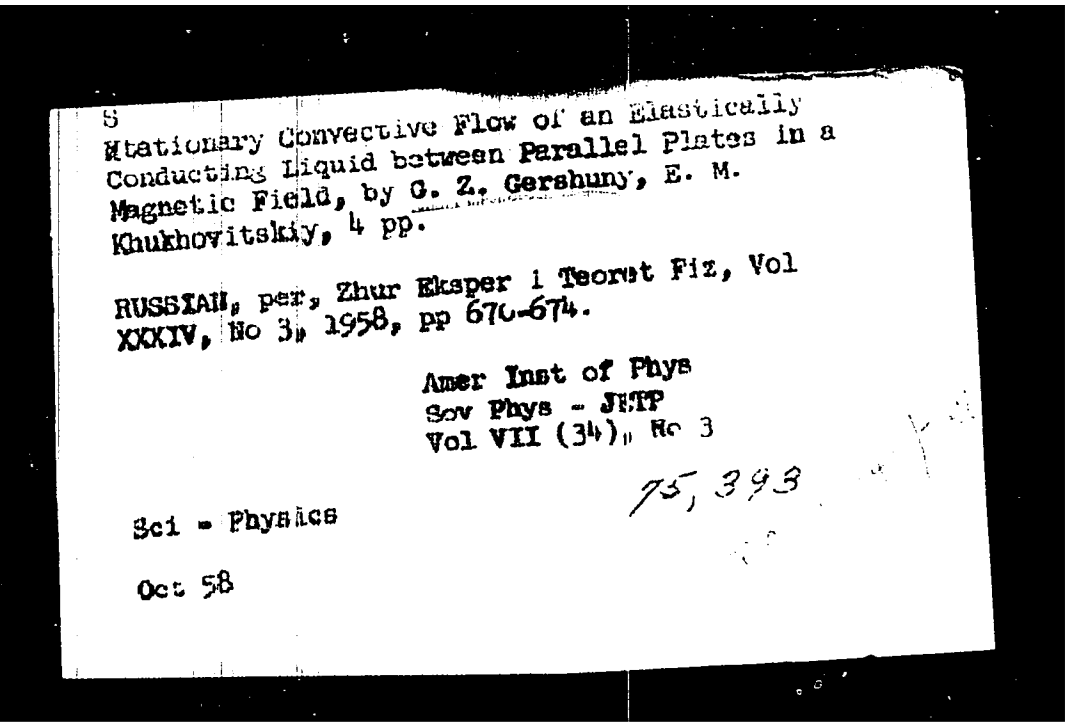

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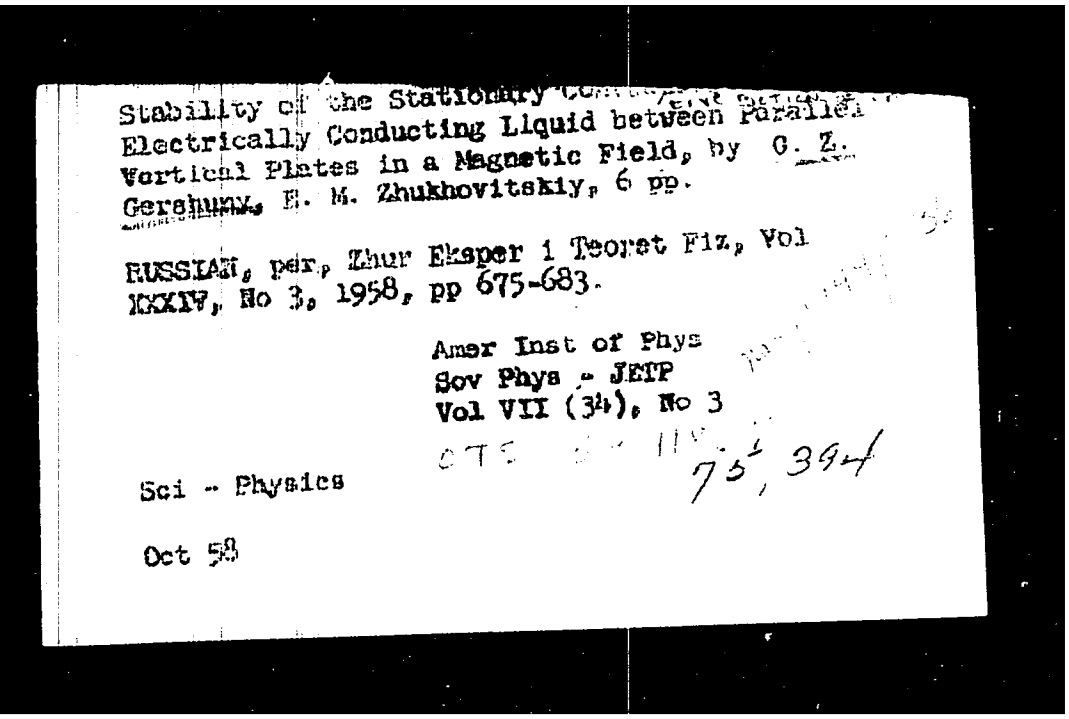

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TRANSISTORIZED VOLTAGE STABILIZER (Stabilizator Napryazheniy i na Poluprovodnykh Elementakh). Apr 63, 12p. 2 refs. NASA Technical Trans. F-155; N63-14210. Order from OTS $0.50 63-11602

Trans. of Tsifrovaya Tekhnika i Vychislitel'nye Ustroistva (USSR) 1962, no. 3, p. 110-115.

DESCRIPTORS: *Voltage regulators, *Transistors, Transistor amplifiers, Current regulators, Feedback amplifiers.

A seven-transistor voltage stabilizer with an output power of about 25 watts is described. Due to a relatively high amplification factor and the use of a current-stabilizing two-terminal network, the circuit insures a stabilization factor of the order of $2 \cdot 10^3 - 3 \cdot 10^3$, the corresponding output resistance being not more than (Engineering - Electrical, TT, v. 10, no. 1) (over)

63-11602

I. Gershuni, I. M.
II. Karaulov, A. N.
III. NASA TT F-155
IV. NASA N63-14210
V. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

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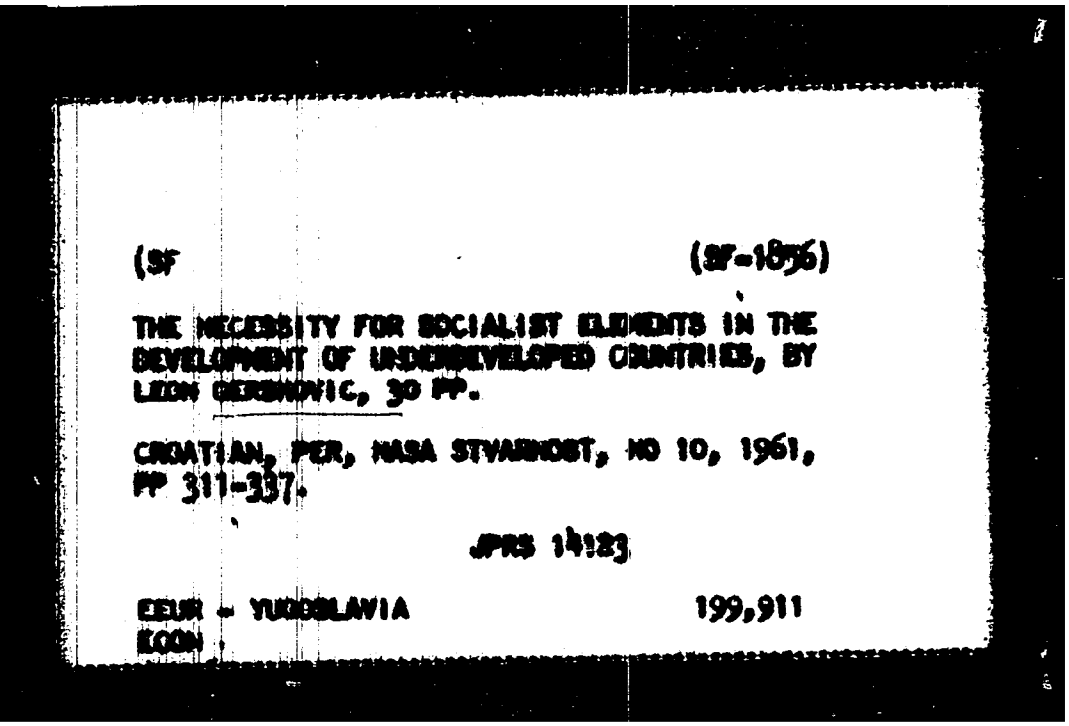

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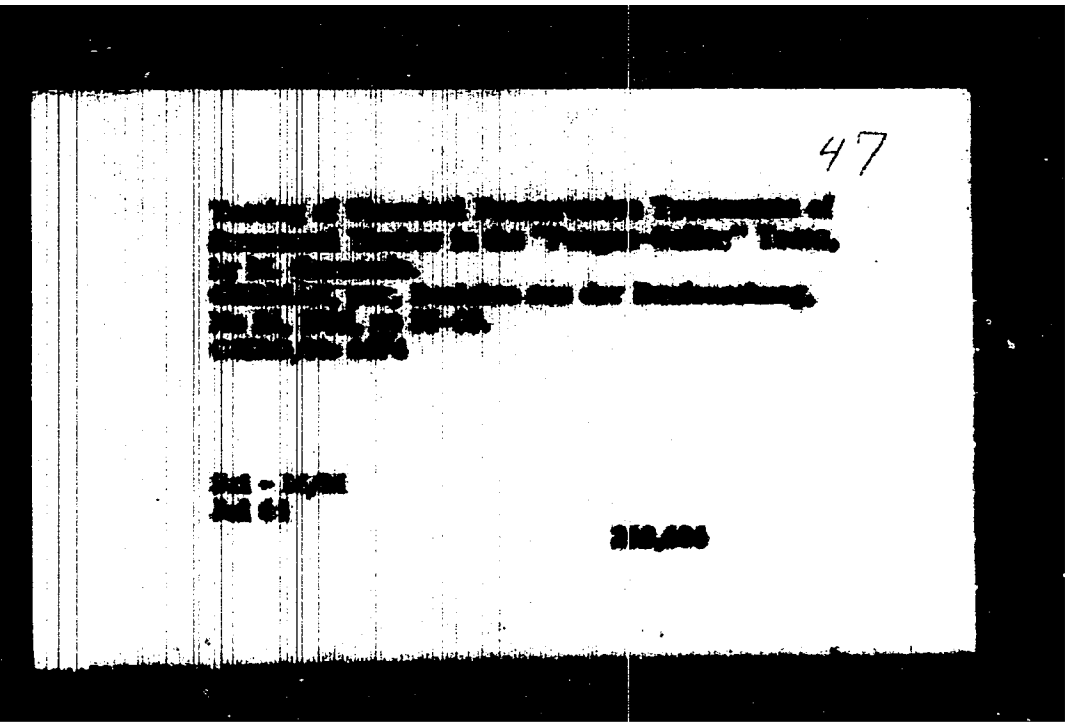

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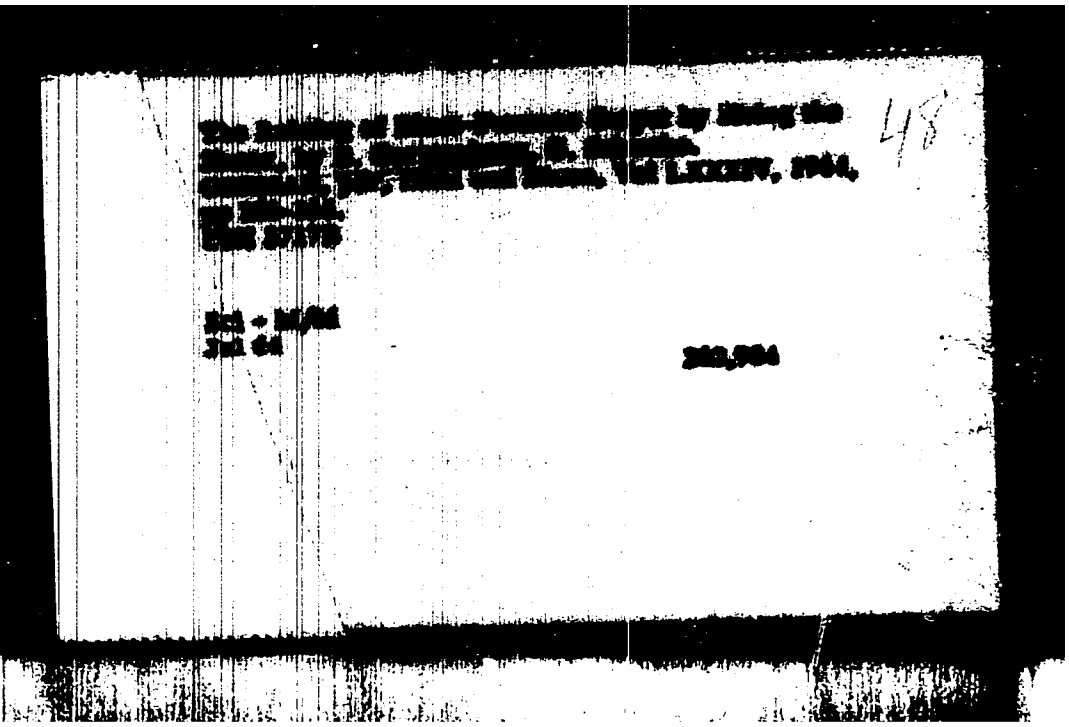

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STUDYING THE DEFECTS IN THE CRYSTALLINE STRUCTURE OF TITANIUM AND OTHER METALS CAUSED BY DEFORMATION. [1962] 6p. 8 refs.
Order from OTS or SLA $1.10 63-10865

Trans. of [Akademiya Nauk URSR, Kiev. Instytut Metallofizyky. Sbornik Nauchnykh Rabot, 1961, v. 12, p. 93-97].

DESCRIPTORS: *Titanium, *Iron, *Copper, Metals, *Crystal structure, *Deformation, Energy, Absorption, Crystal lattice defects.

(Metallurgy--Structural, TT, v. 9, no. 12)

63-10865

1. Gertsriken, S. D.
II. Slyusar, B. F.

Office of Technical Services

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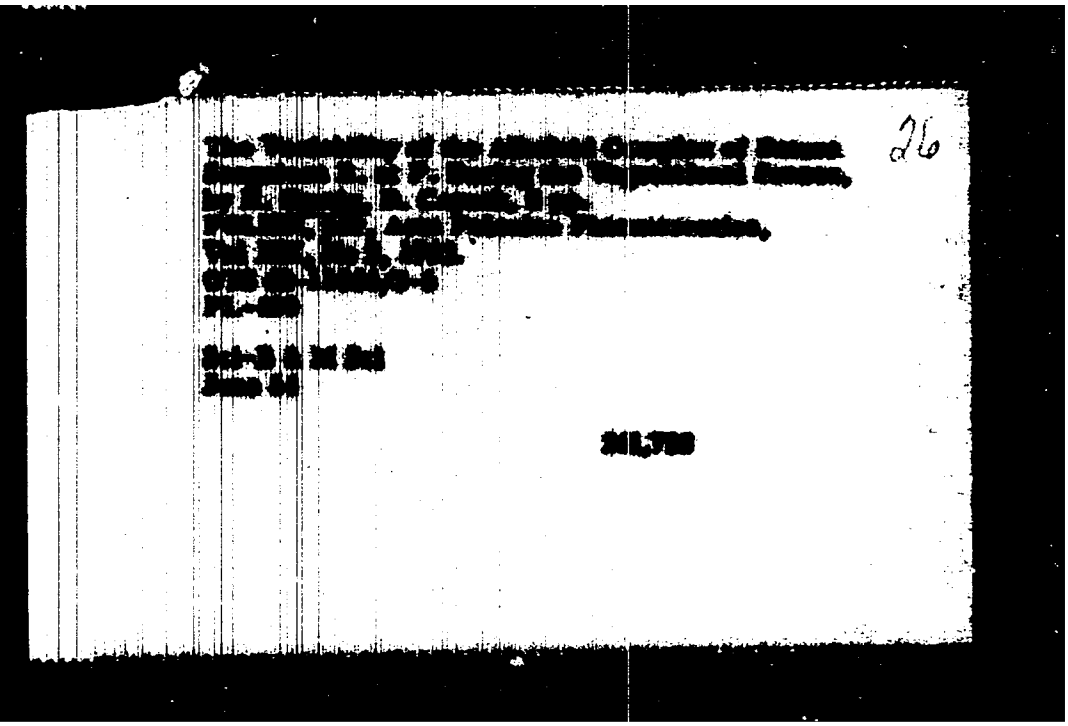

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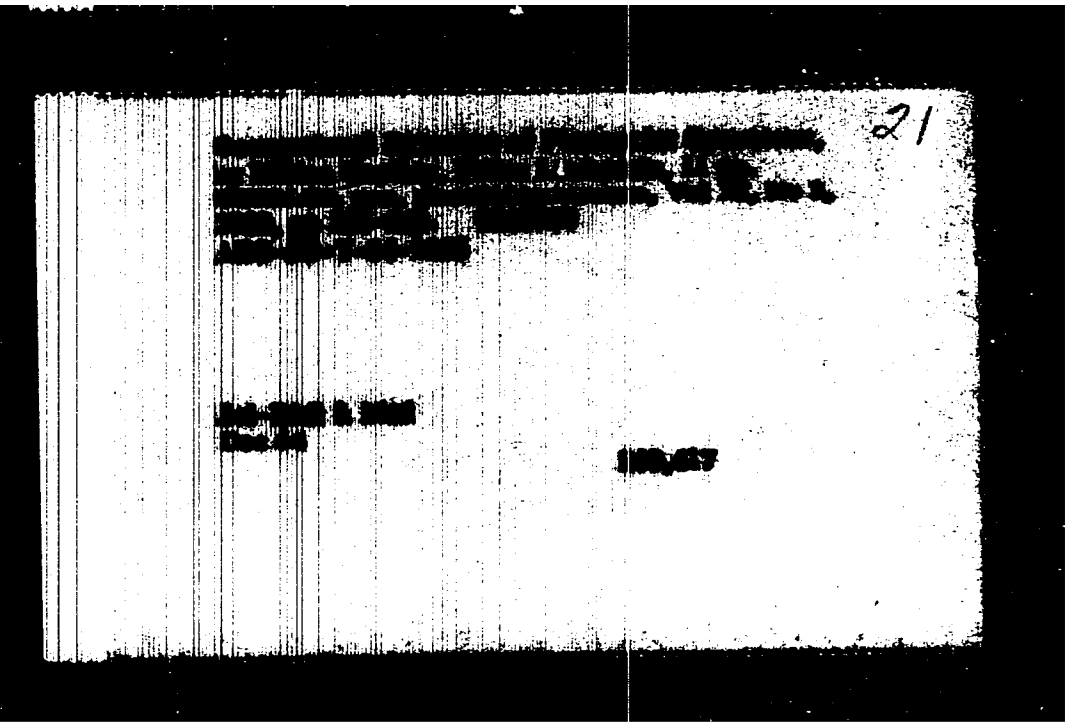

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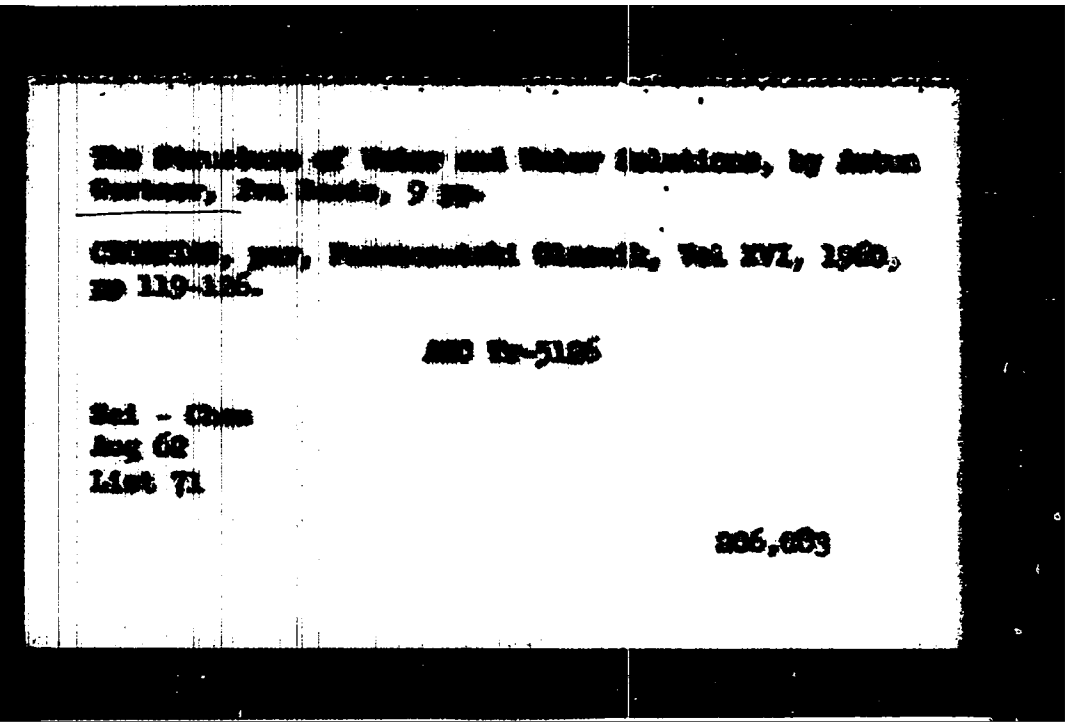

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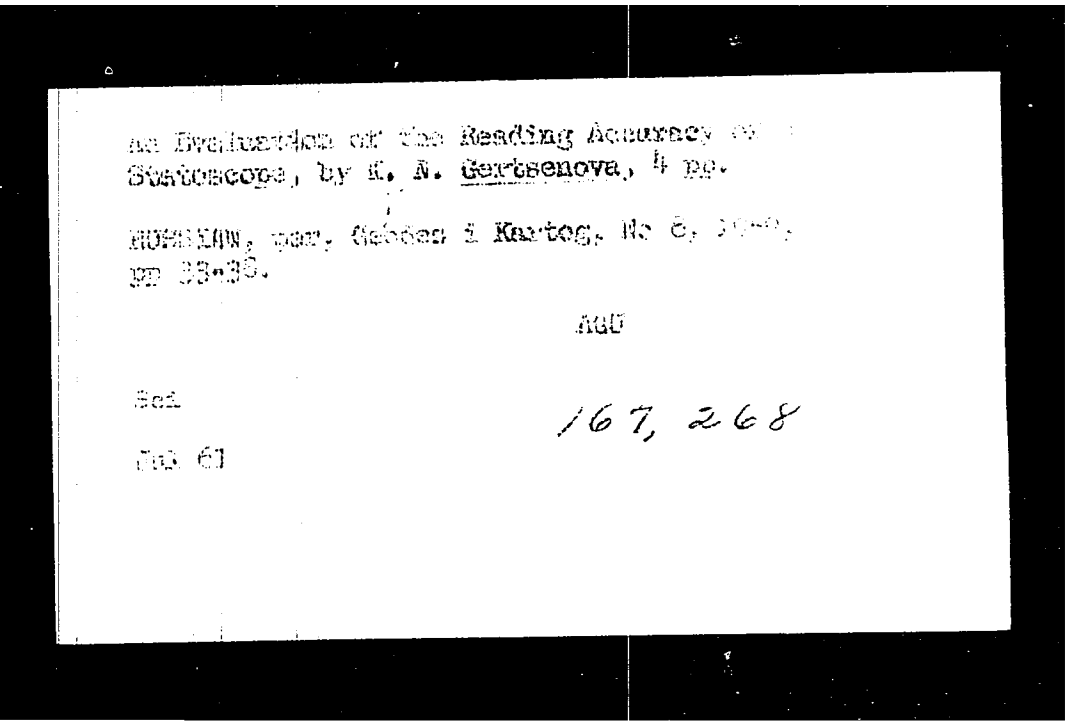

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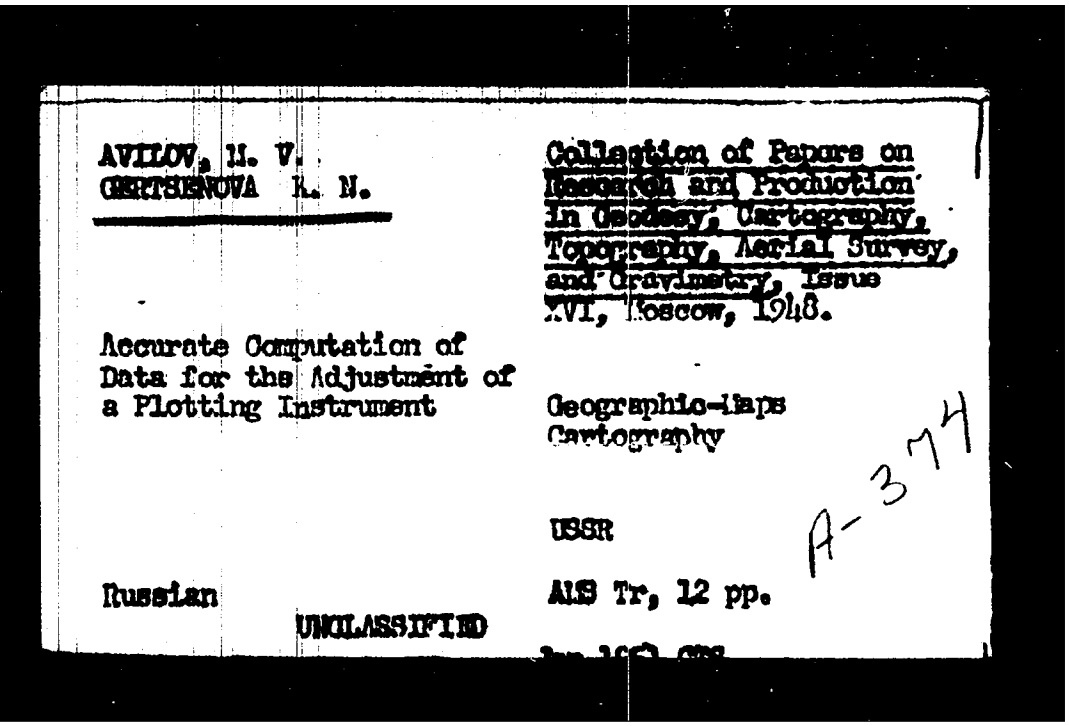

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